



PATENT
Docket No. 02356/7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS : Naoyuki TANIGUCHI, et al.
SERIAL NO. : 09/839,136
FILED : April 23, 2001
FOR : ALPHA 1-6 FUCOSYLTRANSFERASE
GROUP ART : 1652 (anticipated)
EXAMINER : Not Assigned

Assistant Commissioner for Patents
Washington, D.C. 20231

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TECH CENTER 1600/2900

PRELIMINARY AMENDMENT ADDING ABSTRACT

S I R:

Prior to examination of the above-identified application, please enter the following amendments.

In the Specification:

After page 119, please insert:

--ABSTRACT OF THE INVENTION

B-1 An isolated, porcine α 1-6 fucosyltransferase having the following physico-chemical properties:

- (1) action: transferring fucose from guanosine diphosphate-fucose to a hydroxy group at 6-position of GlcNAc closest to R of a receptor
(GlcNAc β 1-2Man α 1-6)(GlcNAc β 1-2Man α 1-3)Man β 1-4GlcNAc β 1-4GlcNAc-R wherein R is an asparagine residue or a peptide chain carrying said residue, whereby to form (GlcNAc β 1-2Man α 1-6)-(GlcNAc β 1-2Man α 1-3)Man β 1-4GlcNAc β 1-4(Fuc α 1-6)GlcNAc-R
- (2) optimum pH : about 7.0